

**Exercise 1** Which of the following equations or statements are equivalent to  $\log_5 7 = x$

**Select All Correct Answers:**

(a) 5 to what power is 7? ✓

(b)  $7^x = 5$

(c) 7 to what power is 5?

(d)  $5^x = 7$  ✓

(e)  $5^7 = x$

(f)  $\log 5^x = \log 7$  ✓

(g)  $\log_7 5 = x$